

The Scope



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THE SCOPE



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CHILDREN ARE A PROBLEM

By William V. Emmons, O. D.

The methods used in examining school children seem to be as numerous as the people doing the tests. While the A. O. A. Committee on Visual Problems in Schools has attempted to outline the tests to be given, there is still no uniformity of procedure.

During the past ten years I have been engaged in examining the eyes of the school children of Andover, Massachusetts. My prime purpose in doing this work is to study the problem of myopia. Particular attention has been given to the 2nd, 7th, and 12th grades. What signs are present in the 6-year-old which will show him to have a tendency to develop myopia at a later date—general health, heredity, posture, illumination, accommodation, large pupils, lack of stereopsis or blurring at near? The answer is still eluding me. One year the statistics indicate one thing, the next year they disprove it.

My examination includes observation of distant visual acuity, each eye separately and the two eyes together, near visual acuity O. U., P. P. Conv., external examination, pupillary reactions, cover test, ophthalmoscopy, retinoscopy, distance and near phorias, S. B. V. and stereopsis tests. The classroom teacher and the school nurse are also consulted concerning visual and reading problems among the children.

It is very important that proper criteria be established for determining the recommendations to be reported to the school nurse. All referrals are made thru the school nurse. The following standards have been used in my procedure:

- | | |
|--------------------------|-------------------------------|
| 1. Simple hyperopia | |
| Up to + 1.00 D | No recommendation |
| + 1.00 to + 2.00 D | Refer if school work warrants |
| + 2.00 and up | Examination indicated |
| 2. Hyperopic astigmatism | |
| Up to + .75 D | No recommendation |

- | | |
|--|---|
| + .75 to + 1.25 D | Refer if school work warrants |
| + 1.25 D up | Examination indicated |
| 3. Compound hyperopic astigmatism | |
| Up to + 1.00 D sph. with up to + .75 D cyl. | No recommendation |
| + 1.00 to + 1.50 sph. with up to + .75 cyl. | Refer if school work warrants |
| 4. Simple Myopia | |
| With naked vision of less than 20/30 in either eye | Refer for examination |
| 5. Simple myopic astigmatism | |
| With naked vision of 20/30 or less in either eye | Refer for examination |
| 6. Compound myopic astigmatism | |
| With naked vision of 20/30 or less in either eye | Refer for examination |
| 7. Mixed astigmatism | |
| With naked vision of 20/30 or less in either eye | Refer for examination |
| 8. Amblyopia | |
| If vision is not improved to at least 20/30 | Refer for examination |
| 9. Heterotropia | Refer for examination |
| 10. Pathologic involvement | Refer for examination |
| 11. History of diplopia | Refer for examination |
| 12. Borderline errors | Recommend examination if school work warrants |
| 13. Wearing of glasses | Recommend a yearly check-up |

Over the years 14% of the 2nd graders, 18% of the 7th graders, and 20% of the
(Please turn to page 12)

Senior Segments

by Joseph V. Barresi, '49

Well, it's 1949, Classmates, and a year for which we've all been waiting. It's going to be filled with more work and worry, but with a new list of resolutions to follow and adhere to, and with cold, hard and substantial knowledge and "know-how", we will meet our senior finals and our state board exams bound to emerge winning.

As we look back over 1948, we find many events that have been entered in the ledger of time. To bring back a few, a chronological enumeration is necessary.

JANUARY—We find ourselves cloaked with confidence. We, the new Junior Class felt well versed in our curriculum. How well we remembered the stuff is another long episode, anyway it didn't take long to find out.

FEBRUARY—This month saw P. O. S. fraternity give its installation of officers banquet. Tons of snow fell on Bawston. Holman removed the wheels of his car and installed skis on the front, paddle wheels on the rear, a train whistle on the roof, and commuted thruout the stormy days with his home-made "Snow-boat."

MARCH—The junior class staged its annual Valentine Dance at the Copley Plaza. Hank Wilson abandoned his antique auto enroute and thanks to that thermos of hot coffee (????), kept from freezing as he trekked the remaining distance. Exams wound up this windy month with a bang.

APRIL—The rains fell—Herman likewise. He should have switched to Neolites—they are nearly "fall-t-less."

MAY—Intensified study continued thru this month in anticipation of exam week and the long lazy vacation ahead. Poor Walter—he was even evicted from the library, his second home.

JUNE—Exams finished and Rapoport immigrated to his home nation, Dorchester, for

the summer. Some of us valiantly stayed on to spend a week in clinic. What else? We were drafted. Meagher was found to possess absolutely no color fields by a certain examiner. Why didn't someone tell me he had fallen asleep during the test?

JULY—More men came to the clinic to hear Dr. Kuhn expound on perimetry. The rest of us were spending a terrific month in a terrific way. That's all that can be said—for more info on this, see Abugov. Near the close of the month, came the termination of our vacation. School re-opened.

AUGUST—The intermural softball games were now in full swing and Joe Rockett's R. B. I. average per game soared to .009. At Crane's Beach, our class sunned, swam, sweltered and sang itself right into preparations for P. O. S.'s Moonlite Cruise. No MSO student on board suffered from the sail enough to acquire that that Calobar C pallor. Thanks to the calm waters, plus plentiful stocks of seasick remedy. Hic! (pardon me!).

SEPTEMBER—Outpatients became plentiful at the clinic. Rogoff was reprimanded for his choice of clinical attire—a garageman's white coveralls with a belt in the back.

OCTOBER—Final exams came up, the Indians scalped the Braves, and George Sullivan got the ball and chain. We commenced our Senior year solemnized by our promotion and settled a little deeper into the unfathomable depths of case analysis, pathological misfortunes, and Stein's address book.

NOVEMBER—The Eyeball—and what a dance. Torbert still doesn't know if he went or not. Cutler became a father than month. He found that one of Mr. Hargbol's G. O. formulae was useful in preparing the baby's flask. Baden and Blaxland nearly were locked in the Boston Public Library over the
(Please turn to page 11)

OPTOMETRIC PATHOLOGY

ARCUS JUVENILIS

by Arthur O. Bruce, M.D.

This rather rare ocular condition is also known as embryontoxon, sclerophthalmos or macula arcuata. Usually it is a congenital opacity of the cornea, situated within the body of the clear cornea.

Arcus juvenilis has been considered as a probable persistent embryontoxon, which is a peripheral corneal opacity sometimes observed in the cornea of the newborn—it can also be safely said that arcus juvenilis probably is not a permanent opacity.

The arcus juvenilis may be compared to the arcus senilis (gerontoxon) on the following points:

(1) Arcus senilis occurs either as a complete circle consisting of a larger upper arc and a smaller lower arc, or if it occurs as a single arc it is always located above. The juvenile arcus seldom occurs as a complete circle, but when it does it is the upper portion which is smaller and more delicate. It is usually made up of two arcs, an upper inner one and a lower external portion, although sometimes a medial and a lateral arc have been observed. When only one arc exists, it is the lower portion and may be slightly external or internal.

(2) Arcus senilis is sharply differentiated only peripherally, whereas the arcus juvenilis is sharply differentiated centrally and peripherally both.

(3) The gerontoxon is always located bilaterally and is found to be distributed equally and symmetrically. The arcus juvenilis may be present on one eye only and when it occurs in both eyes, its form and extent may differ in the two eyes.

(4) Oblique illumination shows that the embryontoxon does not penetrate the corneal tissue nearly as deep as the arcus senilis.

(5) The arcus juvenilis is a rare condi-

(Please turn to page 10)



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| B. Remove fitting table and displays from reception room. | D. Render professional services on a fee basis instead of "selling" eye glasses. |

THE SCOPE

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From the Editor . . .

The financial reports of social functions held in M.S.O. during the past year have shown very poor attendance by the student body and even poorer monetary return. As long as we can remember there has not been one dance, one outing, one party that leaned toward the asset side of the ledger. In fact, if the sponsoring organization came out even, it considered the affair a financial success. Even the Eyeball, the peak of our social season, lost a goodly sum this year, as usual, for each of the sponsoring fraternities. We consider this state of affairs entirely unnecessary.

In our opinion the blame for this steady flood of red ink belongs as much to the or-

ganizations that suffer the losses as it does to the student body. Granted that the attendance of the student body could have been much better than it was at all our recent affairs, it is still true that we are a small school and that the number of social functions we can support is limited. We think that far too many such events have been scheduled.

Here is our suggestion to ease the congested condition of our calendar and to assure a regular program throughout the year. We suggest that two members of each class be elected at the beginning of each school year to a permanent entertainment committee, which shall have authority to make up the social schedule for the whole school. Let each organization desiring to run open affairs submit its schedule, with approximate dates, to this committee; then let the committee pick out those affairs which seem to be most interesting to the student body, within our financial means, and widely enough spaced to let us recover from each party before we have to raise money for the next. The committee will notify each organization which of its proposed affairs have been accepted, and it may run any others as closed functions but not as open functions.

In order to facilitate the sale of tickets, we further suggest that each organization turn over the selling of tickets to this central committee, with an estimate of the expenses and a statement of the profits to be realized. We suggest, by the way, that the profits be restricted to a reasonable proportion of the expenses, perhaps one-fourth to one-third. The price per ticket will then be the total divided by the number of tickets sold. Daily, the committee will post the box-score, showing the number of ducats sold and the price per ducat on the basis of sales to date. Then, the day before the party, everybody pays for his tickets at the currently posted price.

It will work this way. Let us suppose that the X Y Z fraternity is sponsoring a dance;
(Please turn to page 11)

OMEGA EPSILON PHI

by Milton Gallin

Commencing this year's social activities, O. E. Phi held the "Omega Spree" Dance Friday evening, January 21, 1949, at the Gardner Hotel. The main ball-room and a private bar had been reserved to assure a pleasant evening for everybody. Rhumbas, fox trots, waltzes—we did them all.

After several noon-day meetings to make plans for the "Spree", an evening business meeting was held Thursday, January 13. Discussed at the time were such items as future socials, inter-fraternal relationships, possible publication of a Zeta Chapter newspaper, and means of increasing the membership and the Treasury. [Ed. note.—If you find out how, contact Harry S. immediately.] It was decided to sponsor a monthly social whenever feasible.

With funds and activities limited as they are in a school of our size, the expense of a newspaper is unwise and the idea was necessarily abandoned. Closer inter-fraternal re-

lations, together with mutual support of the social functions, would help both fraternities to prosper and might very well make such projects as publications and fraternity houses possible in the future. Remember fellows, we are classmates first and fraternity ties should not separate us.

After the business meeting, those of us not yet chained down, attended the dance sponsored by the lab technicians at the Boston Dispensary. Since there was a shortage of males, we were greeted with open arms (indeed a nice way to be greeted); the girls were friendly, the music inviting, and the refreshments timely. Suffice it to say that the over-all-air of informality made for a very pleasant evening. You boys should read the bulletin board more thoroughly hereafter!!! The greatest thrill of the evening was the ride in Prexy Wilson's museum piece—put that Model A to work, Hank, the treasury needs a boost.

1908—

—1949

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The Eye-Opener

By Bud Chernoff and Len Zuckerbraun

Since the recent election people's faith in public opinion polls has hit a new low. Your servants, realizing that there is a definite need for accurate polls, have devised a new system. With the aid of the periodic chart, Newton's first two laws, an Ouija Board, and a stirring rod we have evolved the perfect system. Since the freshman class is a composite of practical men and deep philosophers, the results attained from this eminent group will have its repercussions throughout the solar system. Beside each group we have placed its foremost men.

Question: Do you like school?

23 Percent brightened up—Miss Godfrey, M. Caron.

51 Percent turned pale—Shapiro, Cheverie.

28 Percent started to cry—Balsam, Blanchard.

8 Percent chased us—Tacelli, Bebergal.

Remarks:

To those eight percent who chased us, we promise we will not do that again.

* * *

Question: Do you believe in marriage?

47 Percent said yes—Golub, Hessing.

35 Percent said no—Carroll, Becker.

5 Percent were indifferent—Uva, MacDermot.

3 Percent thought it impractical—Berman, Vermes.

Remarks:

All the married men voted no except Golub.

* * *

Question: Do you think Saturday classes will replace sleeping?

47 Percent said yes—Forrest, Zolot.

26 Percent said no—Zeltzer, Ratte.

30 Percent said they do already—Cohen, Becker.

1 Percent were indifferent—? ? ?

Remarks:

We are sorry we couldn't put the foremost

man in the one percent group, but he didn't know his own name.

Question: What type of people do you like best?

97 Percent liked women—Daduck, Bogad.

57 Percent liked girls—Friedman, Canzanelli.

15 Percent liked little girls—Ferris, Borsky.

10 Percent liked old ladies—Bloomfield, Weisman.

4 Percent liked men and boys—Miss Galvin, Miss Godfrey.

22 Percent liked themselves—Gurin, Zuckerbraun, Chernoff.

Remarks:

We realize that in every great cause a few innocent heads must fall, but we will not retract any statements for people shorter than six feet two inches.

* * *

Freshman, Beware! Beware of the smiling upper classmen. Beware of the smiling advice, and be *anything*, but kind to upper-classmen. For it is he who came up to you before your chem exam and smilingly told you not to worry, not to study, as the exams were "a breeze." After taking his advice, you staggered out of your first two hours of exams, bent on sadistic vengeance . . . But Smiley was nowhere to be seen.

As you were in the corridors, speaking in hushed voices about the very imminent physics exam, your smiling friend appeared once again.

"Hello, chum. I heard about that chemistry exam; but what's past is passed." . . . A very profound statement . . .

Attempting to walk around him, you were blocked by several of his smiling henchmen, working out of a grinning T-formation.

"Don't worry!" smiled one.

"Keep calm!" smiled another.

"Be confident!" smiled a third.

(Please turn to next page)

The surgeons may have their Meatball, the podiatrists their Football, but surely they can't compare with that wonderful institution, the Eyeball. This term, dear stay-at-homes, does not refer to the organ occasionally under discussion in class, but to the annual formal dance, held this year on November 20, under the auspices of the two M.S.O. fraternities. The Sheraton Room of the Copley Plaza was the scene of this (yes, Egon, I'm going to use that cliché) scintillating affair. Furnished with such beautiful surroundings as the Copley Plaza offers, plus the tasteful and well-played music of Walter McKenna and his orchestra, there must have been few indeed who didn't have a superlative time.

Among the celebrants were numbered Dean and Mrs. Green, Dr. and Mrs. Namias, Mr. and Mrs. Gross, the Misses Theodora and Barbara Klein, Drs. Kuhn and Saltzman of the clinical staff, Mr. and Mrs. Tom Baker, and fifty-four alumni and student couples. A goodly crowd were we, as somebody no doubt has said somewhere, sometime.

Some mention must be made of the varied evening gowns worn at the affair, if only to show that things learned in school can be verified at the strangest times. For months the topics of accommodation and convergence have kept cropping up, but never has such

ample use of these functions been made as at the Eyeball. It's really surprising that the Optometric Extension Program hasn't yet realized how effective a pretty girl in a strapless evening gown at a distance of one-third meter can be in inducing accommodation. Besides, think of the beneficial effect on our public relations if this method became a part of accepted practice . . . However, I fear we digress.

By the way, few people realized it at the time, but the famous crooner Perry Como was seen walking through the hotel during the evening.

The real excitement for Miss Theodora Klein came when her engagement to Mr. Howard Bickford, of Nashua, N. H., was announced and the very happy couple received congratulations and felicitations.

To Dean Green fell the happy task of awarding a bouquet to lovely Fay Galvin, adjudged Queen of the Eyeball. Burt Cowan was understandably proud of his lady.

A great deal of the credit for organizing this successful and enjoyable affair belongs to Gerry Davis. Such hard work deserves recognition, so from us parasites, Gerry, many thanks.

Next year brings another Eyeball, which in itself is reason enough to say HAPPY NEW YEAR!

ARCUS JUVENILIS

(Continued from page 5)

tion while the arcus senilis is found fairly common.

(6) We also have, of course, the distinguishing characteristic of age.

No treatment is necessary for this condition, but it is important to make the correct diagnosis for the records. There are no symptoms and vision is not interfered with.

THE EYE-OPENER

(Continued from page 9)

Heeding the advice, you didn't worry. You

kept calm, you were confident, and you darn near flunked physics.

Now you are worried, you are not calm, you are not confident; but you are hunting sophomores, especially smiling ones—come to think of it, that was no smile, it was a leer.

Will the fellow who drank Gerry Balsam's unknown in chemistry lab please tell him what was in it? It seems that flipping the coin has become quite a popular sport since we have gone into qualitative analysis.

Be sure to miss next month's issue. Featured will be the life story of E. D. Hessing: the moving story of how a young boy devotes his life to a fickle, inhibited, voluptuous, daring, dissection kit.

EDITORIAL

(Continued from page 7)

the hall costs seventy dollars, the orchestra and other expenses a hundred, and the fraternity wants to make fifty dollars: total \$220.00. A week before the date, a hundred tickets have been sold, and the published price is \$2.20 per ticket. If the ticket sale rises to 150, the price per ticket comes down to \$1.47. Everybody who has already signed up for tickets will try to bring the price down by selling more tickets and urging everyone else to go. The X Y Z boys (or girls) will be sure of a profit; the students will be assured of a good crowd at the dance; the price of tickets will be reasonable; and the common effort to put it over will be good for the morale of the school.

Well, there is our contribution to the problem. It may not be the best possible, but we offer it if for no other reason than to promote discussion looking toward a solution of this problem, which is one of the most important now facing the student body. If you have another plan, which you would

like to propose, or if you have any comments to offer on this one, we invite you to publish them in the SCOPE. Just address your MS. to "The Editor, The Scope," and hand it in at the front office.

E. R. W.

SENIOR SEGMENTS

(Continued from page 4)

Thanksgiving holidays.

DECEMBER—We "got hot" on our studies and ripped thru only nine exams to wind up with a twelve day vacation—how welcome it was. Kotler, who wasn't to be outdone by Lou, also became a "pop" and claims his offspring is really a "pin-up." Yessir, pin him up—then start all over. Cesaro started a drive to get Miss Anna Glyph nominated for the title of Miss Stereopsis of 1949. Wilson signed a modeling contract for the Buick people. Their '49 slogan will be "Buick, the car with the handsome carburator."

Some year wasn't it?—but this one will be even better. Wait and see.

BY'EYE.

YOUR PATIENTS

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CHILDREN ARE A PROBLEM

(Continued from page 3)

12th graders have shown sufficient symptoms to be referred for a more complete examination. The Better Vision Institute shows the average of school children needing attention to be 23%.

A great deal of research can still be done on the subject of myopia. It is one in which we as optometrists should be intensely interested. The ability to control the changes in this type of visual error is questionable and needs far more facts and actual cases to back up present day claims. If the children are to be given the best possible health care, we should play a vital part in providing it.

* * *

NOTICE

To provide for a more general participation of the student body in its pages, the SCOPE offers a "Letters to the Editor" column, in which you are invited to express your opinion on any subject of general interest to the student body. Address your letter to "The Editor, The Scope," and hand it in at the front office.

Page Twelve

Now You Can Have Home Cooking

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